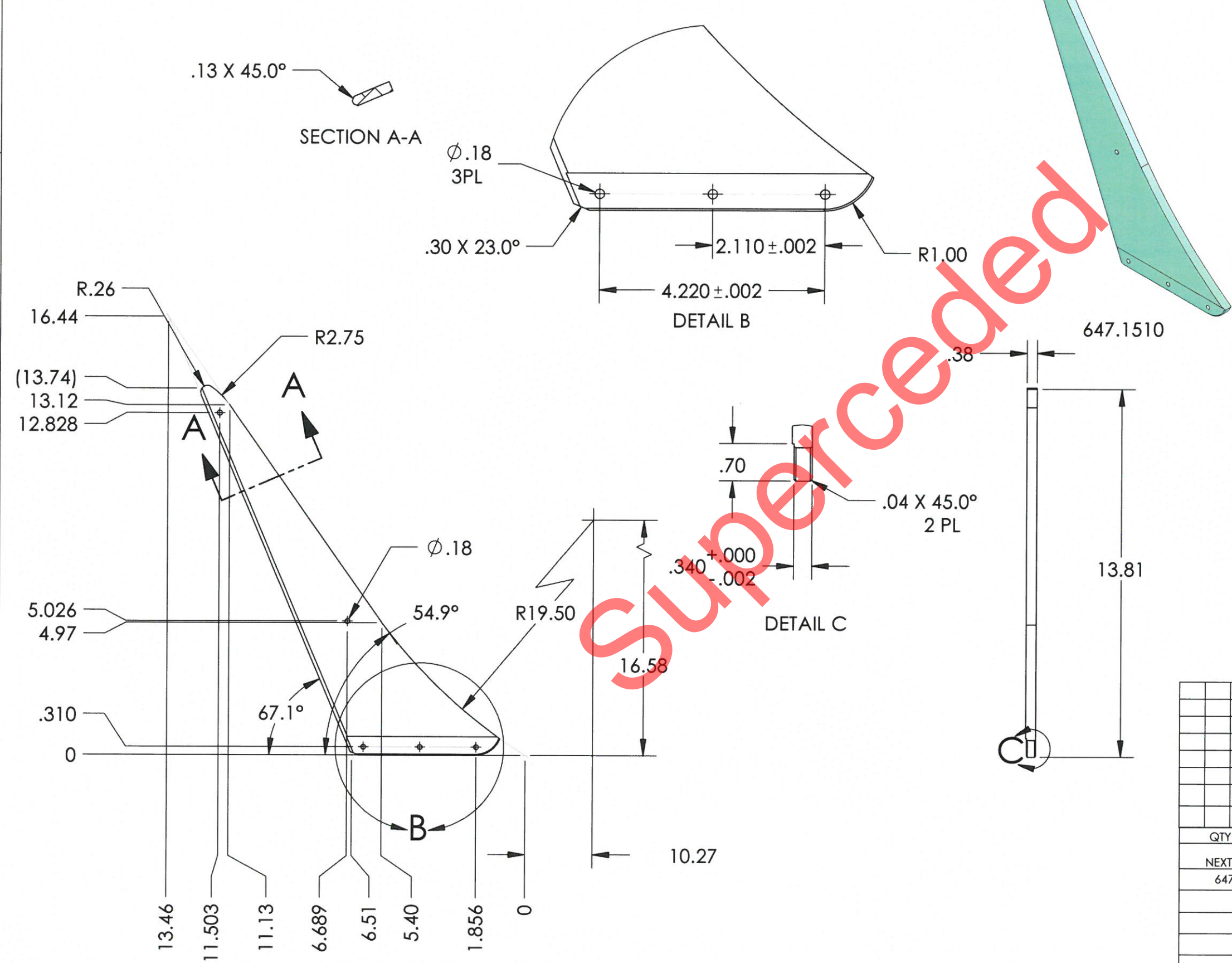











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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE REVISION: PR1		N/C
N/C	INITIAL RELEASE	06/10/09	P. BRAVO
A	INCORPORATED ECN 02960, 04676, 04743	11/17/14	P. BRAVO
B	INCORPORATED ECN 05331	02/29/16	P. BRAVO

- NOTES:
- 1 MATERIAL: ALUMINUM 7075-T651 PER AMS-QQ-A-250/12
 - 2 FINISH PER MPP-172 SECTION 3.3 & 4.3, 1-2 MIL MAX
 - 3. DEBURR AND BREAK ALL SHARP EDGES
 - 4. IDENTIFY IAW MPP-120
 - 5 APPLY F/N 5 AS REQUIRED TO ALL FAYING SURFACES OF F/N 2 & 3 UPON ASSY

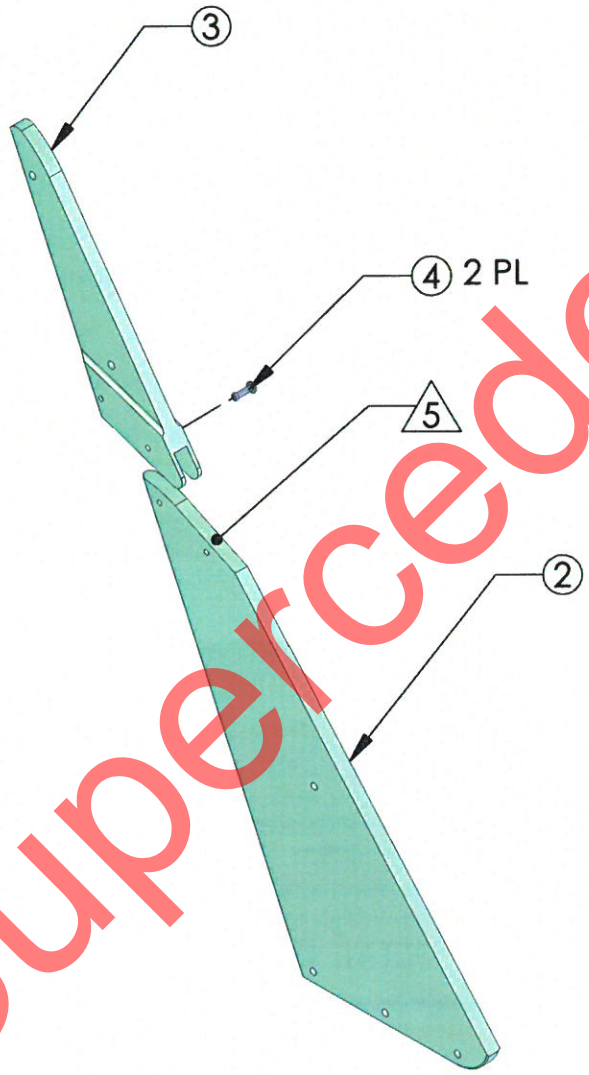


		6	647.1513	UPPER DEFLECTOR				
	A/R	5	601.2045	RTV, LOCTITE 598				
	2	4	600.0523	RIVET	MS20470AD4-12			
	1	3	647.1512	BREAKAWAY TIP				
	1	2	647.1511	LOWER DEFLECTOR				
		1	647.1510	UPPER DEFLECTOR				
	X		647.1501	LOWER DEFLECTOR ASSY				
	.1501	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.		
QTY		PARTS LIST						
NEXT ASSY (S)		ORIGINAL DATE (MO-DA-YR) 06-10-19		 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300 APICAL INDUSTRIES, INC. dba DART AEROSPACE				
647.1400		DRAWN BY J. GARDINER					CHECKER P. BRAVO	
		DRAWING APPROVAL P. BRAVO						
		06-10-09						
		CONTRACT No.		DEFLECTORS				
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		SIZE B CAGE CODE DWG. NO. 647.1500 REV. B				
		TOLERANCES ARE:						
		2 PLACE DECIMALS ±.01						
		3 PLACE DECIMALS ±.005						
		ANGLES ± .5°		SCALE NONE SHEET 1 OF 6				


1 2 3 4 5 6 7 8

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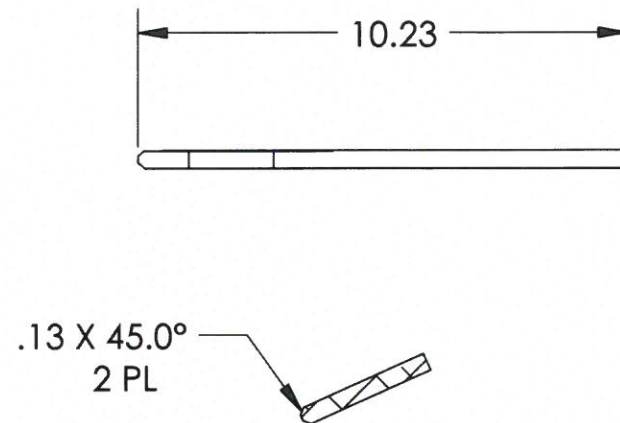
A
B
C
D



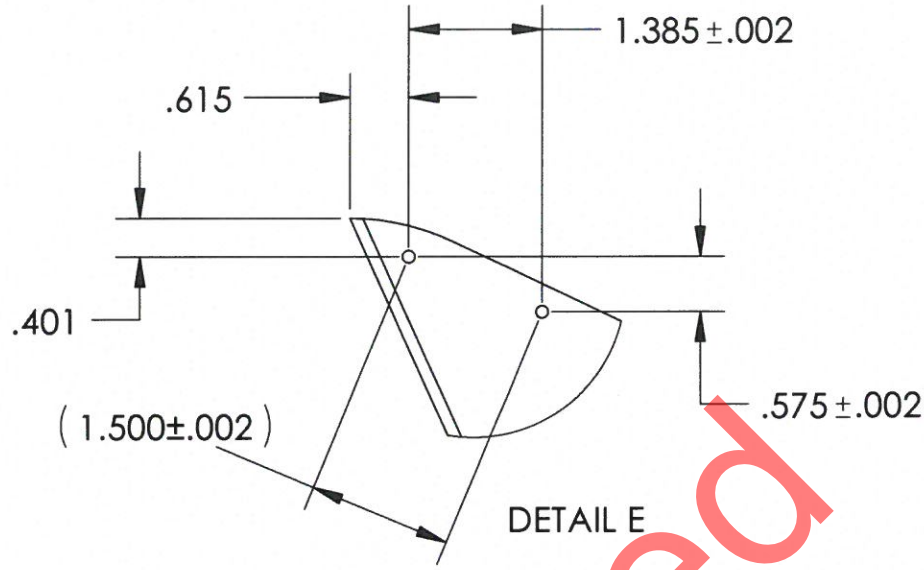
647.1501 SHOWN EXPLODED

ORIGINAL DATE (MO-DA-YR) 06-10-19		 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY J. GARDINER	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 06-10-09			
CONTRACT No.		DEFLECTORS	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE B	REV. B
		CAGE CODE 07MZ6	DWG. NO. 647.1500
		SCALE NONE	SHEET 2 OF 6

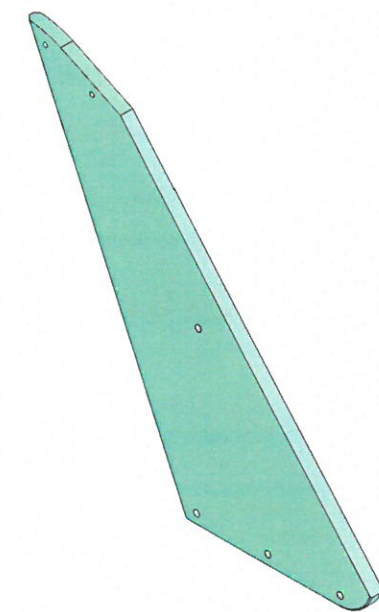
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES DBA DART AEROSPACE. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES DBA DART AEROSPACE IS PROHIBITED.



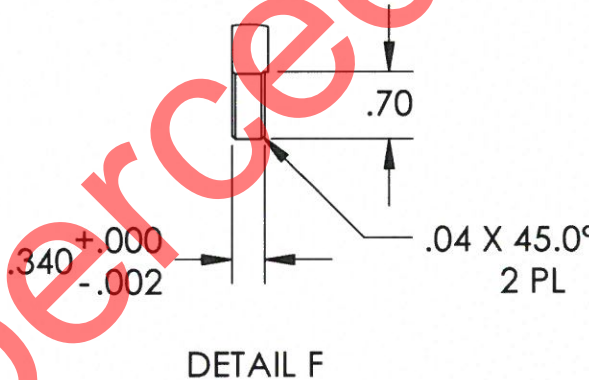
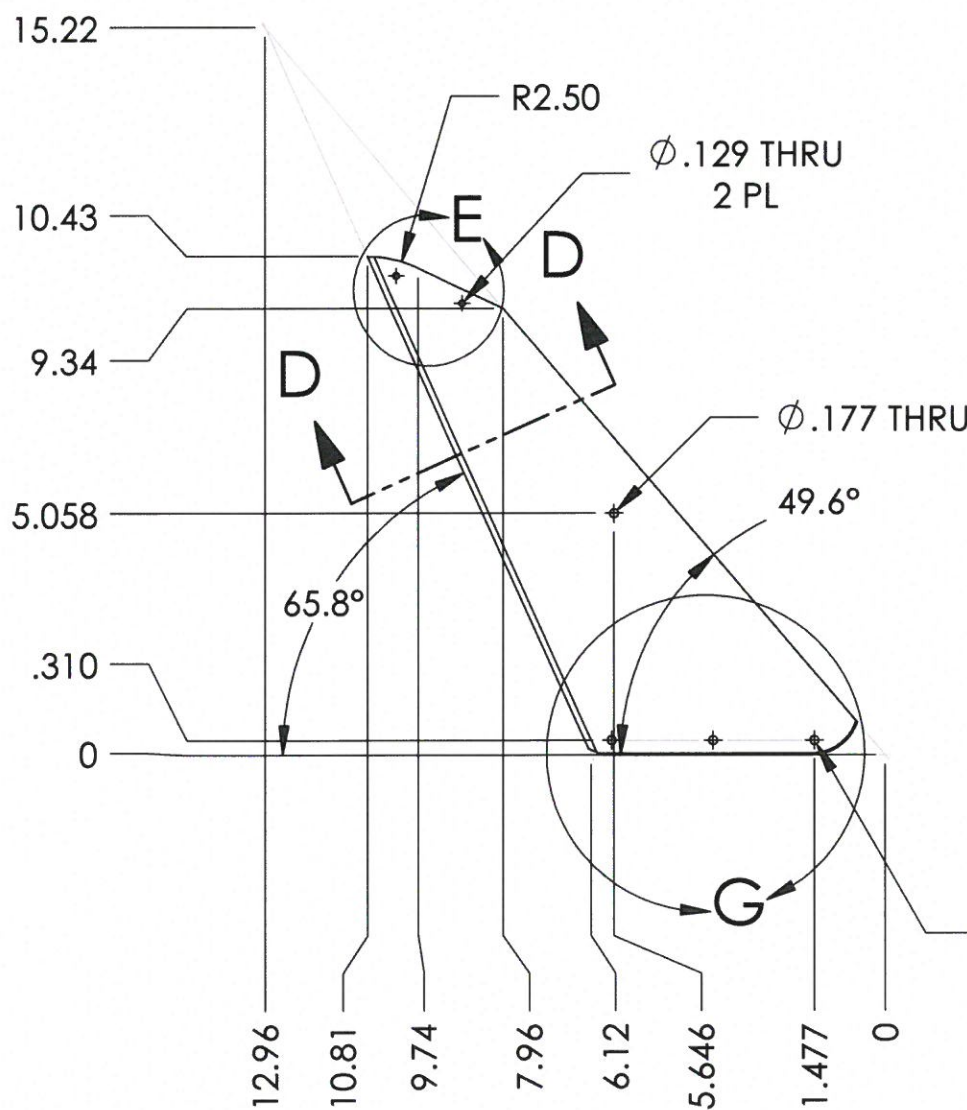
SECTION D-D



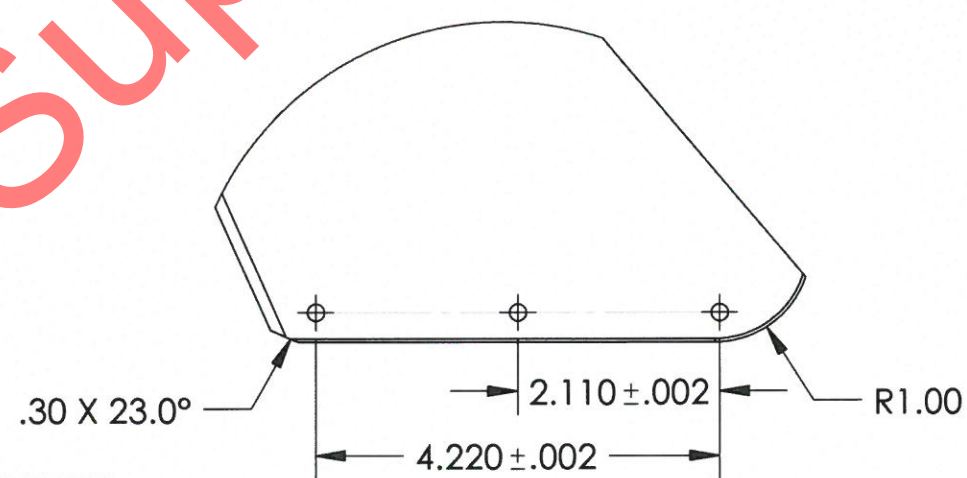
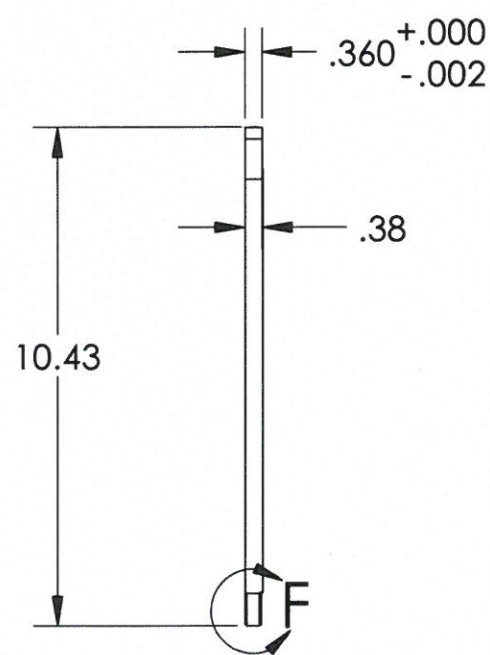
DETAIL E



647.1511



DETAIL F



DETAIL G

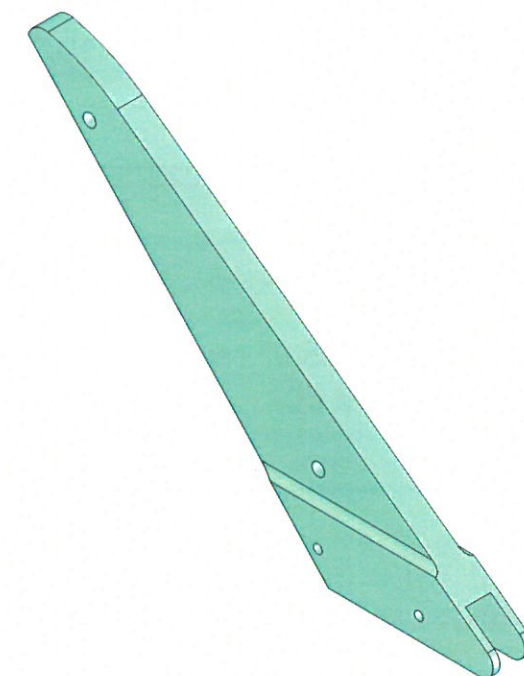
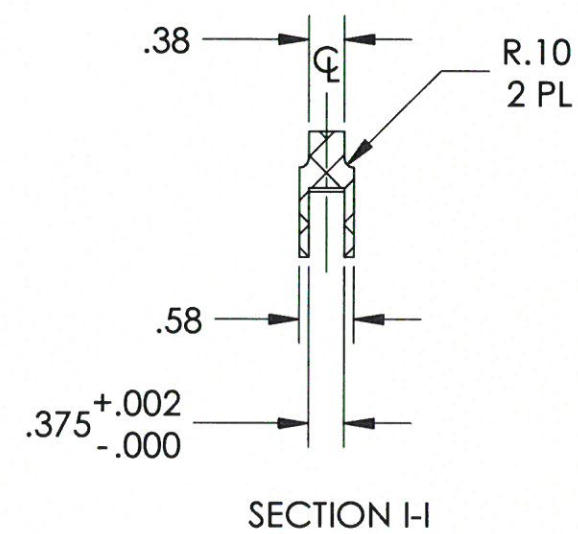
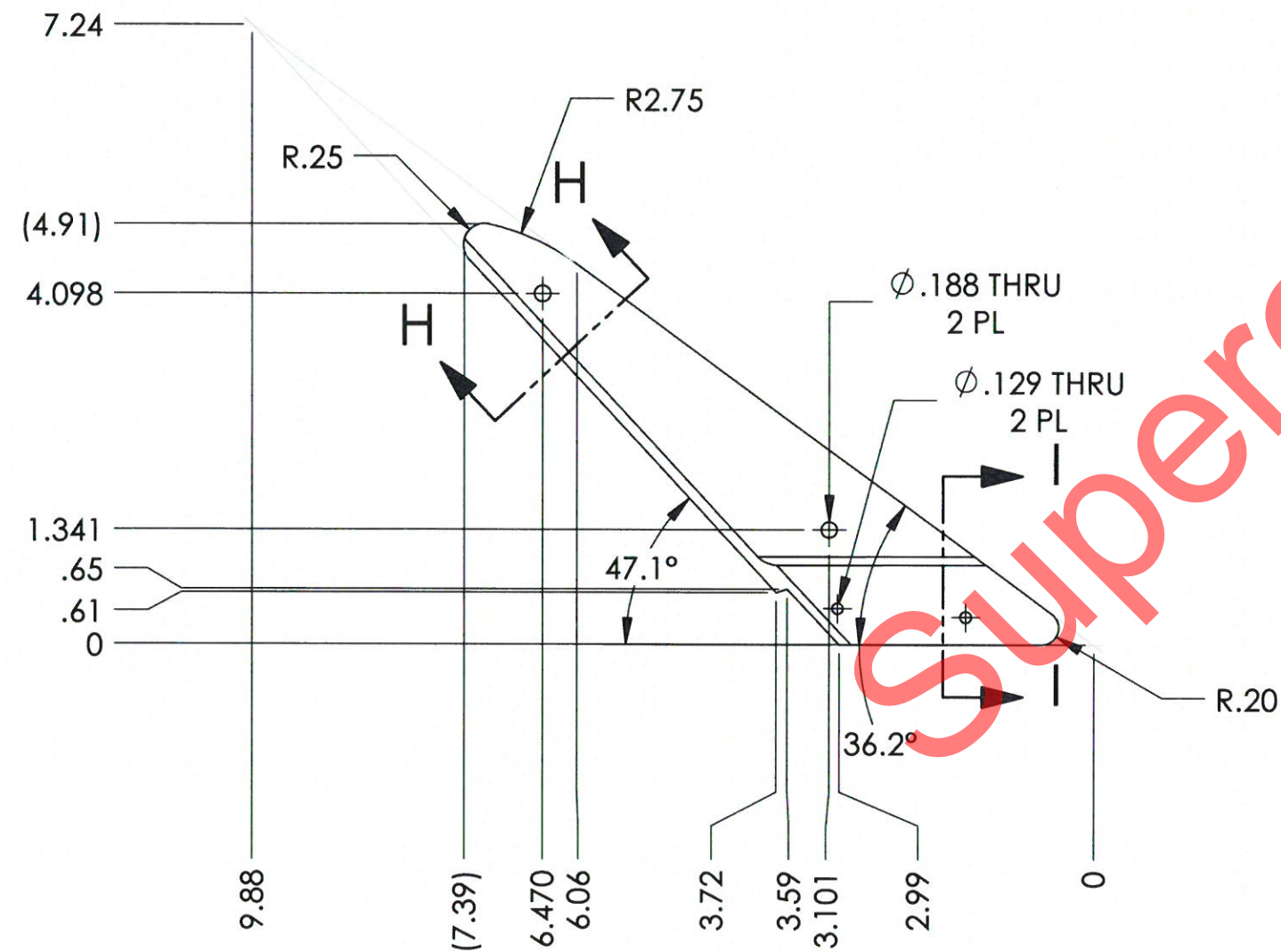
ORIGINAL DATE (MO-DA-YR) 06-10-19		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY J. GARDINER	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 06-10-09		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		DEFLECTORS	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005 ANGLES ± .5°		SIZE B	REV. B
		CAGE CODE 07MZ6	DWG. NO. 647.1500
		SCALE NONE	SHEET 3 OF 6

1 2 3 4 5 6 7 8

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.13 X 45.0°
2 PL

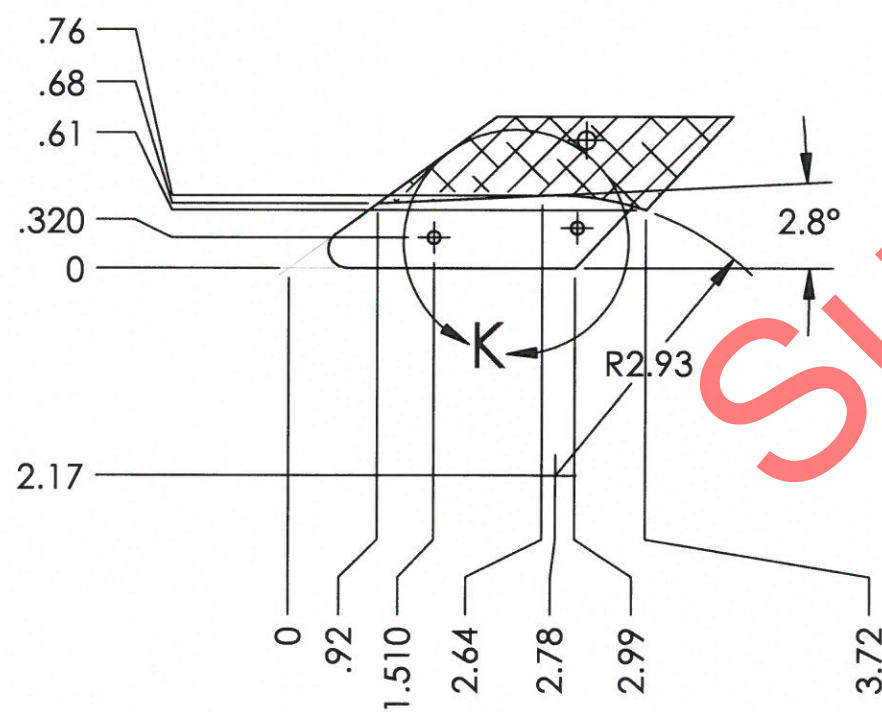
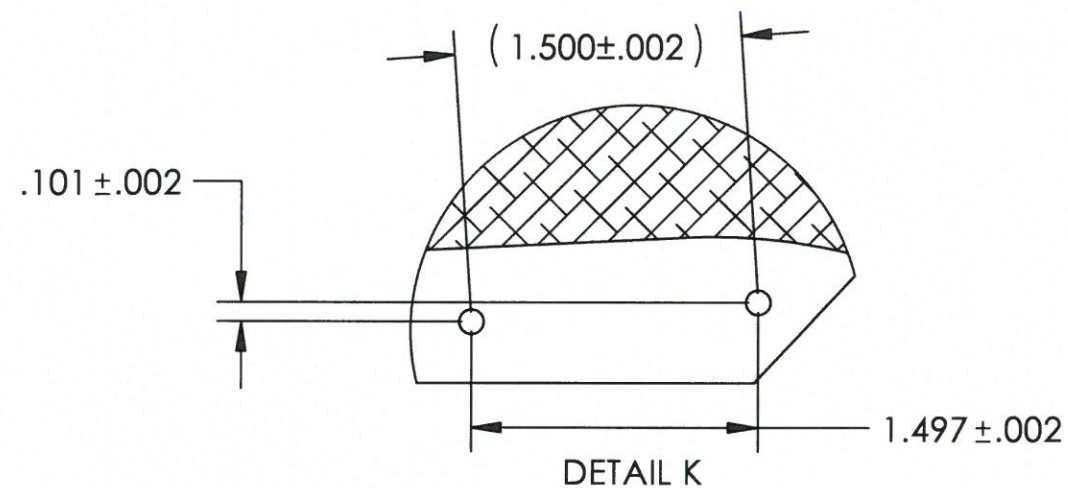
SECTION H-H



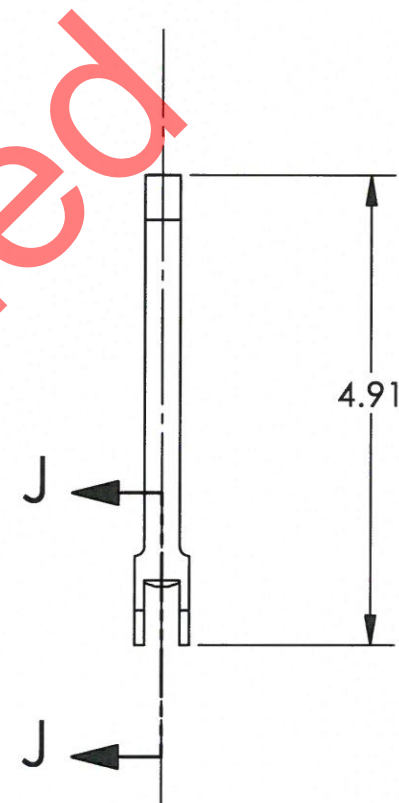
647.1512

ORIGINAL DATE (MO-DA-YR) 06-10-19		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY J. GARDINER	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 06-10-09		DEFLECTORS	
CONTRACT No.		SIZE B	REV. B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		CAGE CODE 07M26	DWG. NO. 647.1500
		SCALE NONE	SHEET 4 OF 6

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SECTION J-J



647.1512 RIGHT VIEW

ORIGINAL DATE (MO-DA-YR)	06-10-19	3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY J. GARDINER	CHECKER P. BRAVO	DEFLECTORS	
DRAWING APPROVAL P. BRAVO 06-10-09		DEFLECTORS	
CONTRACT No.		DEFLECTORS	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SIZE B	REV. B
		CAGE CODE 07MZ6	DWG. NO. 647.1500
		SCALE NONE	SHEET 5 OF 6

1 2 3 4 5 6 7 8

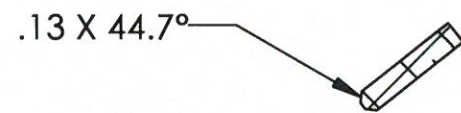
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A

B

C

D



SECTION Y-Y

$\phi .177$
3 PL

.318 X 23.00°

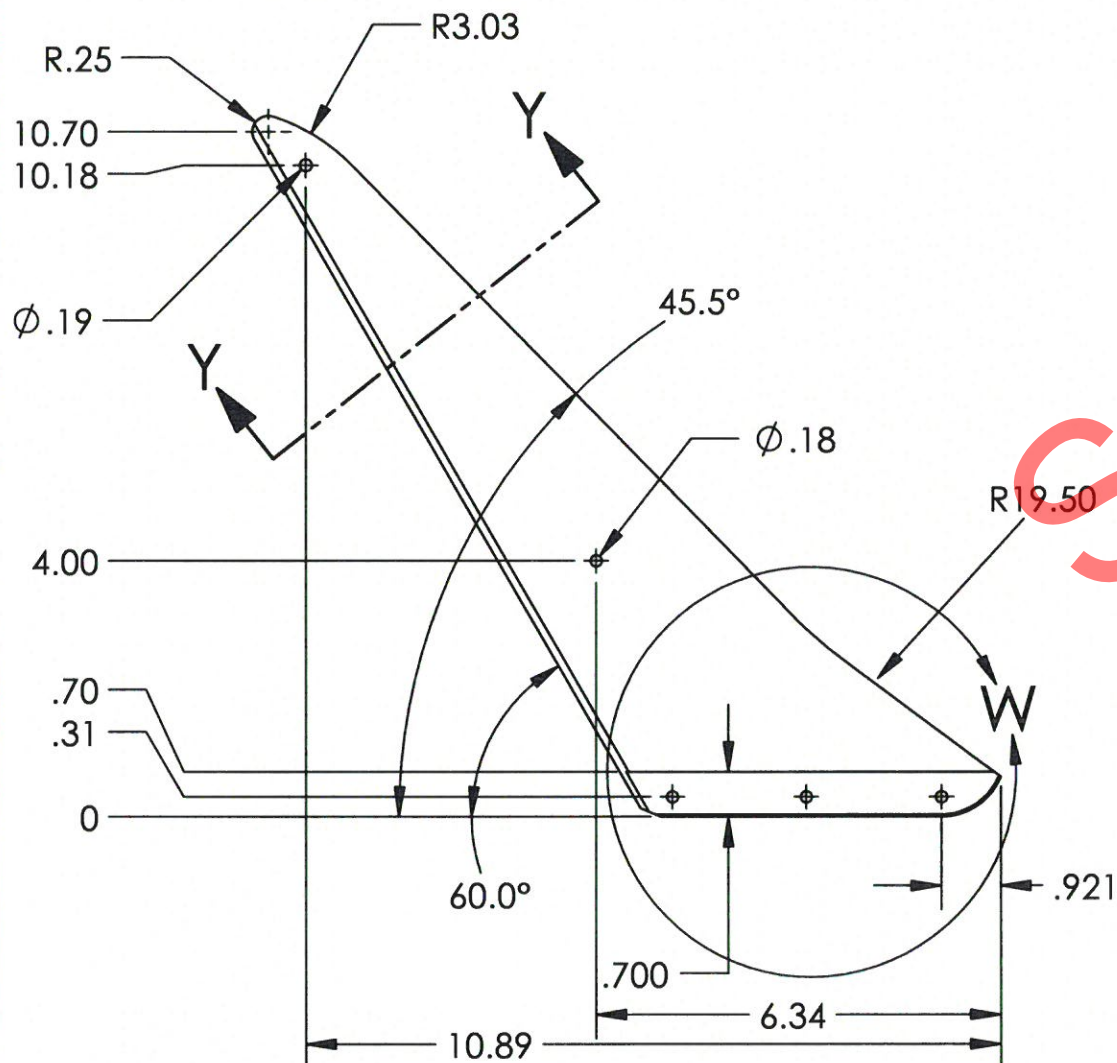
2.110 \pm .002

4.220 \pm .002

R1.00

647.1513

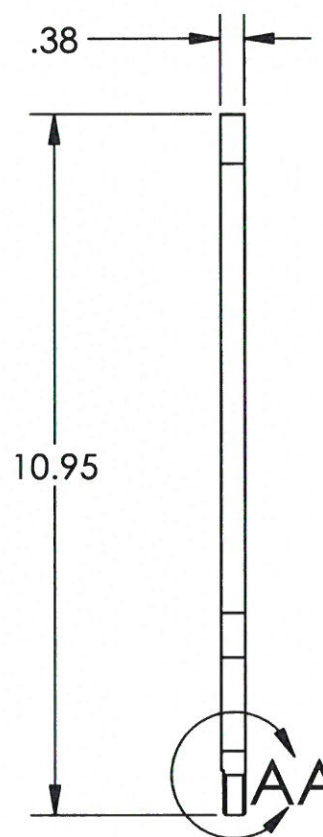
DETAIL W



.340 \pm .000
-.002

DETAIL AA

.04 X 45.0°



ORIGINAL DATE 06-10-19
(MO-DA-YR)
DRAWN BY J. GARDNER
CHECKER P. BRAVO
DRAWING APPROVAL
P. BRAVO
06-10-09
CONTRACT No.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS \pm .01
3 PLACE DECIMALS \pm .005
ANGLES \pm .5°

DART AEROSPACE
APICAL INDUSTRIES, INC.
dba DART AEROSPACE
3030 ENTERPRISE CT.,
SUITE A
VISTA, CA. 92081
(760)-724-5300

DEFLECTORS

SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.1500	REV. B
SCALE NONE			SHEET 6 OF 6